

**SOUTH TEES
DEVELOPMENT
CORPORATION**

STDC-008-2026

Request:

Monitoring Data: Any internal environmental impact assessments or water quality monitoring reports conducted by the STDC or its predecessors or its contractors in relation to site runoff into the River Tees during the 2017-23 period.

Response:

Please see information attached.

Please note that in relation to the specific "Site Run off" we have had no such events, any outfall deposits were through Environment Agency consents, they are minimal due to the out fall being discontinued/ disconnected.

CNS mg/l 250mg/l	NaNO₂ mg/l	NO₃ mg/l	NaNO₃ mg/l	Temp °C 35°C	Flow l/s 35l/s	Oil Y/N No visible trace
0.74	0.68	10	14	1.5	9.94	No visible trace
0.74	1.14	25	34	3.3	8.39	No visible trace
0.74	1.25	10	14	1.9	8.47	No visible trace
0.98	1.18	10	14	1.4	8.47	No visible trace
1.23	0.98	25	34	6.2	9.97	No visible trace
0.74	1.04	10	14	7.8	10.31	No visible trace
0.74	0.98	25	34	12.2	10	No visible trace
0.98	0.25	10	14	18.1	9.97	No visible trace
0.49	0.4	10	14	16.6	10	No visible trace
0.49	0.69	0	0	13.3	9.84	No visible trace
0.49	0.4	10	14	10.4	9.78	No visible trace
0.47	0.46	10	14		9.79	No visible trace

Month	Date	Hg mg/l	B mg/l	As mg/l	Cd mg/l	Cr mg/l	Cu mg/l
January							
February	23/02/2021	<0.00043		<0.00027	0.000038	0.00031	0.0039
March	18/03/2021	0.00077		0.00035	0.00009	<0.00028	0.0062
April							
May	24/05/2021	<0.00043		0.00039		<0.00028	0.0046
June	24/06/2021	<0.00043		0.00032	0.000031	<0.00028	0.0046
July							
August	31/08/2021	<0.00043		0.00032	<0.00002	<0.00028	0.0012
September	28/09/2021	<0.00043		0.00033	<0.00002	<0.00028	<0.00087
October	07/10/2021	<0.00043		0.00031	<0.00002	<0.00028	<0.00087
November							
December							

Fe mg/l	Pb mg/l	Mn mg/l	Ni mg/l	V mg/l	Zn mg/l
0.3	0.0024	0.077	0.0055	0.00063	0.39
0.23	0.0016	0.12	0.0022	<0.00027	0.59
0.055	0.0005	0.019	0.0022	0.00027	0.25
0.5	0.0016	0.17	<0.00093	0.00034	0.18
0.16	<0.00024	0.027	<0.00093	<0.00027	0.042
0.13	0.0003	0.016	0.001	<0.00027	0.029
0.062	<0.00024	0.008	0.0014	<0.00027	0.028

Month	Date	Anthracene µg/l	Benzo(a)pyrene µg/l	Benzo(b)fluoranthene µg/l
January				
February	23/02/2021	0.41	0.23	0.25
March	18/03/2021	0.18	0.31	0.47
April	30/04/2021	0.43	0.41	0.73
May	24/05/2021	<0.09	0.06	<0.13
June	24/06/2021	0.16	0.1	0.23
July				
August	31/08/2021	0.32	<0.06	<0.13
September	28/09/2021	0.34	<0.06	<0.13
October	07/10/2021	5.34	63.87	67.56
November				
December				

Benzo(g,h,i)perylene µg/l	Benzo(k)fluoranthene µg/l	Fluoranthene µg/l	Indeno(1,2,3-cd)pyrene µg/l
0.1	<0.07	0.11	0.15
0.06	0.24	0.24	<0.11
0.3	0.17	0.15	0.45
0.06	<0.07	<0.08	<0.11
0.1	<0.07	0.11	0.13
0.06	<0.07	<0.08	<0.11
0.07	<0.07	0.09	<0.11
30.63	21.63	69.67	52.3

Naphthalene µg/l
<0.11
<0.11
<0.11
<0.11
<0.11
<0.11
<0.11
0.42

Month	Date	Hg mg/l	B mg/l	As mg/l	Cd mg/l	Cr mg/l	Cu mg/l
January	05/01/2022	0.00063		0.00054	0.00002	<0.00028	0.0019
February	23/02/2022	<0.000008		0.00094	<0.00007	0.0005	0.0022
March							
April							
May							
June							
July							
August							
September							
October							
November							
December							

Month	Date	Anthracene µg/l	Benzo(a)pyrene µg/l	Benzo(b)fluoranthene µg/l
January	05/01/2022	0.67	3.51	4.37
February	23/02/2022	2.7	0.5	0.8
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				

